

# Final Project

**Due** May 12 by 12:15pm      **Points** 300      **Submitting** a file upload

The final project is to bring together much of what we have discussed this term, and worked on during the assignments, to plan, design and implement a website.

- The main idea is to plan out an entire small-scale website (< 10 pages) and to implement part of it.
- You should implement the home page and two secondary pages of your site (so you will produce three markup documents for your site).
- One of these pages should contain a "function" component -- either in terms of Javascript, or a form that utilizes a server-side CGI script.

## Final Project components:

- **Project Site** (225 pts)
- **Project Report** (75 pts)

### The Project Site

The final project is to bring together much of what we have discussed this term, and worked on during the assignments, to design and construct a website. The topic of the site is very flexible -- in the past, many people have chosen to do sites related to their work, personal interests, or for a community organization.

- The main idea is to plan out an entire small-scale website (< 10 pages) and to implement part of it.
- You should implement the home page and two secondary pages of your site (so you will produce three markup documents for your site).
- The navigation system should function to show the user where they are and where they can go. You should plan and show navigation to other parts of the site, even if the links are not active.
- One of these pages should contain a "function" component -- either in terms of Javascript, or a form that utilizes a server-side CGI script.
- Validation
  - Markup should validate with the [W3C's Validator](http://validator.w3.org/) (<http://validator.w3.org/>). If they do not, there should be a legitimate reason and explanation
  - Your CSS should validate with the [W3C CSS Validation Service](http://jigsaw.w3.org/css-validator/) (<http://jigsaw.w3.org/css-validator/>) (warnings are OK; errors are not). Again, if the CSS does not validate, there should be a legitimate reason and explanation.
- The pages you produce should be complete and production-ready. Your site should be done well, with attention to details that will set your site apart from the hastily-produced site.

Examples of things you might consider:

- Well-organized file structure
- Re-use of CSS, JS, and images
- Consistency throughout pages (perhaps use of PHP include or SSI to guarantee consistency)
- Well-chosen titles that stand on their own
- "meta" keywords and description appropriate for each page
- Print CSS rules
- Custom error documents
- Appropriate caching directives
- favicon.ico

### Final Project Report

The report should contain four sections:

1. **Goals and Purpose (10pts).** A brief statement about the purpose and goals of the site.
  - Who is the primary audience for the site? Are there secondary audiences?
2. **Implementation (25 pts).** A brief discussion of the implementation of the site
  - Provide links to pages of your site. Clearly indicate the home page and also the "function" component.
  - Discuss the implementation of the site (including content, design, and technology).
3. **Future Directions (15 pts).** A brief discussion of the future directions of the site
  - Since this is only the beginning of the site, briefly mention ideas you have for future work and/or expansion
4. **Reflect on lessons you learned (25 pts).** What worked well? What parts of the project are you particularly pleased with, and why? What parts of the project need additional work? If you were to approach this project again, what you do the same? What would you do differently?

#### Final Project Rubric

Criteria	Ratings	Pts
Report		75 pts
Markup, Presentation, and Structure		50 pts
Markup and css validation		40 pts
Overall Impression of Site		35 pts
Functional Component of Site		35 pts
Navigation system		35 pts
production ready - details that make the site ready to launch		30 pts
		Total Points: 300